

2020

Articole publicate într-o revistă indexată Web of Science, SCOPUS, IEEE

Nr. Crt.	Articole publicate într-o revistă indexată Web of Science SCOPUS, IEEE	Factor impact (FI)	Quartile (Q1, Q2, Q3, Q4)
1	Borota A., Avram S., Curpan R., Bora A., Varga D., Halip L., Crisan L. In silico studies on smoothened human receptor and its antagonists in search of anticancer effects <i>J. Serbian Chem. Soc.</i> , 85 (3), 335-345, 2020	1.24	Q4
2	Putz A.M., Plocek J., Bezdzicka P., Savii C. Small-angle X-ray powder diffraction analyses, microstructure and morphology of some synthesized template silica samples related to the 2-methoxyethanol content <i>Rev. Roum. Chim.</i> 65(2), 135-140, 2020	0.278	Q4
3	Rădulescu-Grad M. E., Visa A., Milea M. S., Lazău R. I., Popa S., Funar-Timofei S. Synthesis, spectral characterization, and theoretical investigations of a new azo-stilbene dye for acrylic resins <i>J. Mol. Struct.</i> 1217, 128380, 2020	3.196	Q3
4	Maximov P.Y., Abderrahman B., Hasawi Y.M., Chen Y., Foulds C.E., Jain A., Malovannaya A., Fan P., Curpan R.F., Han R., Fanning S.W., Broom B.M., Quintana Rincon D.M., Greenland J.A., Greene G.L., Jordan V.C. The structure-function relationship of angular estrogens and estrogen receptor alpha to initiate estrogen-induced apoptosis in breast cancer cells <i>Mol. Pharmacol.</i> , 98(1), 24-37, 2020.	4.436	Q2
5	Abderrahman B., Maximov P.Y., Curpan R.F., Hanspal J.S., Fan P., Xiong R., Tonetti D.A., Thatcher G.R.J., Jordan V.C. Pharmacology and molecular mechanisms of clinically relevant estrogen estetrol and estrogen mimic BMI-135 for the treatment of endocrine-resistant breast cancer <i>Mol. Pharmacol.</i> , 98(4), 364-381, 2020.	4.436	Q2
6	Visa A., Maranescu B., Lupa L., Crisan L., Borota A. New efficient adsorbent materials for the removal of Cd(II) from aqueous solutions <i>Nanomaterials</i> , 10 (5), 899, 2020	5.076	Q1
7	Avram S., Curpăn R., Halip L., Bora A., Oprea T.I.* Off-Patent drug repositioning <i>J. Chem. Inf. Model.</i> , 20(12), 5746-5753, 2020.	4.956	Q1
8	Crisan L., Avram S., Kurunczi L., Pacureanu L. Partial Least Squares discriminant analysis and 3D similarity perspective applied to analyze comprehensively the selectivity of glycogen synthase kinase 3 Inhibitors <i>Mol. Inf.</i> , 39(6):1900142, 2020.	3.353	Q2
9	Avram S., Halip L., Curpan R., Oprea T.I.	84.694	Q1

	Novel Drug Targets in 2019. Nat. Rev. Drug Discovery , 19(5), 300, 2020		
10	Sumalan R. L., Croitor L., Petric M., Radulov I., Bourosh P., Sumalan R. M., Crisan M., <i>p</i> -Aminobenzoate organic salts as potential plant growth regulators for tomatoes, Molecules , 25(7), 1635-1649, 2020	4.412	Q2
11	Croitor L., Petric M., Vlase G., Vlase T., Siminel A. V., Bourosh P., Crisan M. The solvent effect in obtaining of acid-base multicomponent systems: thermal, structural and luminescence study J. Therm. Anal. Calorim. , 141, 973-979, 2020	4.626	Q1
12	Croitor L., Crisan M., Vlase G., Vlase T., Bodnarescu F., Sumalan R., Petric M., Siminel A. V., Bourosh P. Advances in new multicomponent crystal system: structure, thermal kinetic analysis, photoluminescent, and biological activity investigations J. Therm. Anal. Calorim. , 142, 191-201, 2020	4.626	Q1
13	Sumalan R. M., Ciulca S. I., Poiana M. A., Moigradean D., Radulov I., Negrea M., Crisan M. E., Copolovici L., Sumalan R. L. The antioxidant profile evaluation of some tomato landraces with soil salinity tolerance correlated with high nutraceutical and functional value Agronomy , 10 (4), 500-515, 2020	3.417	Q1
14	Crisan M., Vlase G., Vlase T., Croitor L., Ilia Ghe., Bourosh P., Kravtsov V., Petric M.* Thermogravimetric and kinetic study of new bis(iminophosphorane) ethane solvates J. Therm. Anal. Calorim. , 141, 1009-1016, 2020.	4.626	Q1
15	Popa A, Macarie L, Dragan ES, Parvulescu V, Ilia G, Plesu N Thermal behavior of aminotrimethoxysilanphosphonate functionalized onto styrene-divinylbenzene copolymer Int. J. Polym. Anal. , 25(6), 457-466, 2020	2.583	Q3
16	Kellenberger A, Ambros D, Plesu N. Polyaniline Nanofibers Modified Ni Electrodes for Electrochemical Hydrogen Production Int. J. Electrochem. Sci. , 15, 8536-8551, 2020	1.675	Q4
17	Nistor M.A., Muntean S.G., Maranescu B., Visa A. Phosphonate metal organic frameworks used as dyes removal materials from wastewaters Appl. Organomet. Chem. 34, e5939, 2020	4.105	Q1
18	Nicola R., Costișor O., Muntean S.G., Nistor M.A., Putz A-M., Ianăși C., Lazău R., Almásy L., Săcărescu L. Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions J. Porous. Mater. , 27, 413-428, 2020	2.496	Q2
19	Nicola R., Muntean S.G., Nistor M.A., Putz A.M., Almásy L., Săcărescu L. Highly efficient and fast removal of colored pollutants from single and binary systems, using magnetic mesoporous silica	7.086	Q1

	<i>Chemosphere</i>, 261, 127737, 2020		
20	Birdeanu M., Vaida M., Bîrdeanu A. V., Fagadar-Cosma E. Pulsed laser deposition deposited layers of pseudo-binary zinc oxides and zinc-porphyrin for steel corrosion inhibition <i>Corrosion</i>, 76(8), 734-741, 2020	1.77	Q2
21	Fagadar-Cosma E., Plesu N., Lascu A., Anghel D., Cazacu M., Ianas C., Fagadar-Cosma G., Fratilescu I., Epuran C. Novel platinum-porphyrin as sensing compound for efficient fluorescent and electrochemical detection of H ₂ O ₂ . <i>Chemosensors</i> 8 (2), 29, 2020.	3.398	Q2
22	Sebarchievici I., Taranu B., Rus S., Fagadar-Cosma E. Electrochemical behaviour and analytical applications of a manganese porphyrin - silica hybrid film prepared by pulsed laser deposition <i>J. Electroanal. Chem.</i>, 11412, 2020	4.464	Q1
23	Anghel D., Lascu A., Epuran C., Fratilescu I., Ianas C., Birdeanu M., Fagadar-Cosma E. Hybrid materials based on silica matrices impregnated with Pt-Porphyrin or PtNPs destined for CO ₂ gas detection or for wastewaters color removal <i>Int. J. Mol. Sci.</i>, 21(12), 4262, 2020	5.924	Q1
24	Andelescu A.-A., Heinrich B., Spirache M. A., Voirin E., La Deda M., Di Maio G., Szerb E. I.*, Donnio B.*, Costisor O. Playing with Pt ^{II} and Zn ^{II} coordination to obtain luminescent metallomesogens <i>Chem. Eur. J.</i>, 26, 4850 - 4860, 2020.	5.236	Q2
25	Nicola R., Costișor O., Ciopec M., Negrea A., Lazau R., Ianași C., Picioruș E.-M., Len A., Almásy L., Szerb E. I.*, Putz A.-M. Silica-coated magnetic nanocomposites for Pb ²⁺ removal from aqueous solution <i>Appl. Sci.</i>, 10, 2726, 2020.	2.679	Q2
26	Cretu C., Maiuolo L., Lombardo D., Szerb E. I.*, Calandra P.* Luminescent supramolecular nano- or micro-structures formed in aqueous media by amphiphiles-noble metals complexes <i>J. Nanomater.</i> 2020(26), ID 5395048, 2020	2.986	Q3
27	Buta I., Ardelean A., Lönnecke P., Novitchi G., Hey-Hawkins E., Andruh M., Costisor O. Structural and magnetic properties of three one-dimensional nitrato-, azido- and phenoxido-bridged copper(II) coordination polymers <i>Polyhedron</i>, 190, 114766, 2020.	3.052	Q2
28	Alejo-Armijo A. A., Corici L., Buta I., Cseh L.*, Moro A. J., Parola A. J., Lima J. C., Pina F.* Multistate of chemical species of 2,6-bis(arylidene)cyclohexanones. The role of chalcone and spiro species. <i>Dyes Pigments</i>, 174,108013, 2020.	4.889	Q1
29	Yang S.-G., Xie H.-J., Saba H., Cseh L., Ungar G. Fluorescence microscopy tracking of dyes, nanoparticles and quantum dots during growth of polymer spherulites	4.43	Q1

	Polymer , 191, 122246, 2020.		
30	Putz A.M., Ianăși C., Dudás Z., Coricovac D., Watz C.F., Len A., Almásy L., Sacarescu L., Dehelean C. SiO ₂ PVA-Fe(acac)(3)Hybrid based superparamagnetic nanocomposites for nanomedicine: morpho-textural evaluation and in vitro cytotoxicity Assay Molecules 25(3), 653, 2020	4.412	Q2
31	Policicchio A., Conte G., Stelitano S., Bonaventura C.P., Putz A.M., Ianăși C., Almásy L., Horváth Z.E., Agostino R. G. Hydrogen storage performances for mesoporous silica synthesized with mixed tetraethoxysilane and methyltriethoxysilane precursors in acidic condition Colloid. Surface A. 601, 125040, 2020	4.539	Q2
32	Dudas Z, Len A, Ianăși P., Paladini G. Structural modifications caused by the increasing MTES amount in hybrid MTES/TEOS-based silica xerogels Mater. Charact. 167, 110519, 2020	4.342	Q1
33	Borza P., Benea I.C., Bîțcan I., Todea A., Muntean S.G., Peter F. Enzymatic degradation of azo dyes using <i>Peroxidase</i> immobilized onto commercial carriers with epoxy groups Studia UBB Chemia , 1, 279-290, 2020	0.447	Q4
34	Anghel D., Birdeanu M., Lascu A., Epuran C., Fagadar-Cosma E. Amino-substituted porphyrins at the border of hybrid materials generation and platinum nanoparticles detection Studia UBB Chemia , 2, 107-120, 2020	0.447	Q4
35	Sălăgeanu L., Muntean D., Horhat F. G., Lascu A., Anghel D., Bagiu I. C., Fagadar-Cosma E. Antimicrobial activity of different substituted meso-porphyrin derivatives Rev. Romana Med. Lab. 28(2), 205-216, 2020	1.	Q4
36	Salageanu L., Muntean D., Licker M., Lascu A., Anghel D., Fagadar-Cosma E. Symmetrical and asymmetrical meso-substituted porphyrins and Zn-metalloporphyrins in gold colloid environment. Optical properties and evaluation of antibacterial activity Farmacia , 68(2), 288-298, 2020	1.433	Q4
37	Maiuolo L., Calandra P.*, Lombardo D., Szerb E. I.* Amphiphiles-metals interactions for applications in modern technologies: recent developments and future perspectives Rev. Roum. Chim. , 65(7-8), 647-671, 2020.	0.278	Q4
38	Picioruș E.M., Ianăși C., Nicola R., Sfîrloagă P., Svera P., Putz A.M. Morpho-textural and fluorescence studies on SiO ₂ and SiO ₂ @Ce ³⁺ Studia UBB Chemia , 1, 189-203, 2020	0.447	Q4
39	Lőrinczi A., Fagadar-Cosma E., Socol G., Mihăilescu A., Matei E., Sava F., Ștefan M. SnSe ₂ -Zn-Porphyrin nanocomposite thin films for threshold methane concentration detection at room temperature Chemosensors 8(4), 134, 2020	3.398	Q2

40	Kellenberger A., Gavrilă R., Plesu N* Activated multi-walled carbon nanotubes for electrochemical detection of dopamine in the presence of ascorbic and uric acid <i>Studia UBB Chemia</i> , 4, 35-52, 2020	0.447	Q4
41	Lupa L., Cocheci L.*, Trica B., Coroaba A., Popa A. Photodegradation of phenolic compounds from water in the presence of a Pd-containing exhausted adsorbent <i>Appl. Sci.</i> 10, 8440, 2020	2.679	Q2
42	Remes A., Manea F.*, Motoc (m. Ilies) S., Baciuc A., Szerb E. I.*, Gascon J., Gug G. Highly sensitive non-enzymatic detection of glucose at MWCNT-CuBTC composite electrode <i>Appl. Sci.</i> 10, 8419-8433, 2020	2.679	Q2
43	Lascu A. Platinic metal porphyrins and hybrid nanomaterials embedding them as catalysts in chemical transformations <i>Arkivoc.</i> 10, 272-296, 2020	1.14	Q4
44	Pacureanu L., Avram S., Crisan L. Comprehensive investigation of selectivity landscape of glycogen synthase kinase-3 inhibitors. <i>J Biomolecular Struct. Dynamics</i> , 1-20, 2020	NA	NA
45	Birdeanu M., Vaida M., Fagadar-Cosma E. Hydrothermal Synthesis of ZnTa ₂ O ₆ , ZrNb ₂ O ₆ , MgTa ₂ O ₆ and MgNb ₂ O ₆ pseudo-binary oxide nanomaterials with anticorrosive properties <i>Manuf. Rev.</i> 7, 39, 2020	NA	NA
46 <i>Neindexate WOS, Scopus, IEEE</i>	Nichita I., Lupa L., Gros R.V., Visa A., Popa A., Bucur I., Tirziu E. The effect of cellulose acetate in the inhibition of bacteria: an alternative for antimicrobial resistance <i>Rev. Chim. Bucharest.</i> , 71(9), 23-31, 2020.	NA	NA
47 <i>Neindexate WOS, Scopus, IEEE</i>	Radulescu-Grad M.E., Vlase G., Ilia Ghe., Andeescu A., Popa S. A.X. Lupea Amido Black 10B dye copper complex -synthesis, characterization and colour analysis. <i>Rev. Chim. Bucharest.</i> 71 (8), 27-38, 2020	NA	NA
TOTAL		217.83	Q1=14 Q2=15 Q3=3 Q4=11 NA=2